

From: [LEVINE Ann](#)
To: [Chip Humphrey/R10/USEPA/US@EPA](#); [DRAKE Doug](#)
Cc: [BORISENKO Aaron](#); [CATON Larry](#); [TARNOW Karen E](#)
Subject: RE: Guidance on establishing sediment reference areas
Date: 11/06/2007 12:59 PM

Thanks, I'm just trying to establish if DEQ has some written guidance on this topic. It appears that we don't. We do have one example on establishing baseline conditions in sediment in our "Guidance for Assessing Bioaccumulative Chemicals of Concern in Sediment", but it does not address how to select a sediment reference area.

Ann
Ann Levine
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811 SW Sixth Ave.
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The NW Brownfields Newsletter

-----Original Message-----

From: Humphrey.Chip@epamail.epa.gov [mailto:Humphrey.Chip@epamail.epa.gov]
Sent: Tuesday, November 06, 2007 12:11 PM
To: DRAKE Doug
Cc: BORISENKO Aaron; CATON Larry; LEVINE Ann; TARNOW Karen E
Subject: RE: Guidance on establishing sediment reference areas

Doug/Ann

EPA is reviewing a reference area proposal from the Portland Harbor PRPs for some bioassays that will be collected later this month. There are four reference locations - RM 17, RM 19, RM 23 and RM 25.7. I can get you the details if you want.

Chip Humphrey
EPA Oregon Operations Office
(503) 326-2678

"DRAKE Doug"
<DRAKE.Doug@deq.state.or.us>

11/06/2007 11:39 AM

To
"LEVINE Ann"
<LEVINE.Ann@deq.state.or.us>,
"BORISENKO Aaron"
<BORISENKO.Aaron@deq.state.or.us>
cc
"CATON Larry"
<CATON.Larry@deq.state.or.us>,
Chip Humphrey/R10/USEPA/US@EPA,
"TARNOW Karen E"
<TARNOW.Karen@deq.state.or.us>
Subject
RE: Guidance on establishing
sediment reference areas

Ann,
No not really. I am not sure what was done in the Willamette harbor, folks in that program may have some ideas. In the day I believe we used Multnomah Channel as a background for some sed tox tests. Also the Coastal EMAP program did a bunch of estuarine sed tox tests - not sure how they dealt with ref conditions.

Doug Drake
Aquatic Biologist
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503-229-5350

-----Original Message-----

From: LEVINE Ann
Sent: Tuesday, November 06, 2007 11:07 AM
To: DRAKE Doug; BORISENKO Aaron
Subject: Guidance on establishing sediment reference areas

Doug, Aaron,

Does the WQ program have guidance on establishing sediment reference areas that may be applicable to sediment toxicity testing where we are trying to differentiate between an area impacted by a specific release and one that is only impacted by general non-point pollution?

Ann
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